

**Abstract of the Disclosure**

The invention relates to the use of the hydrogenation products of frankincense (olibanum), its hydrogenated ingredients as well as physiologically acceptable salts and derivatives thereof and hydrogenated frankincense extracts for the production of a medicament for the prophylactic and/or therapeutic treatment of cerebral ischemia, cranial/brain trauma and/or Alzheimer's disease. The use of frankincense, frankincense extract, substances contained in frankincense, their physiologically acceptable salts, their derivatives and the physiological salts thereof, pure boswellic acids, tirucallic acids or other triterpenes, their physiologically acceptable salts, derivatives of the salts thereof for the production of a medicament for the prophylactic and/or therapeutic treatment of cerebral ischemia and/or cranial/brain trauma is also provided according to the invention.